

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K3/00 C08K3/10 C08K3/16 C08K3/24 C08K3/34
C08K13/02 C08L21/00 C08L23/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 726 224 A (PETERSON LESTER C ET AL) 6 December 1955 (1955-12-06) column 1, line 15 - column 4, line 8; claims 1-11; example VII -----	1-11
X	US 4 299 931 A (CORAN AUBERT Y ET AL) 10 November 1981 (1981-11-10) column 5, line 17 - column 7, line 5 tables 1-13 -----	1-9, 11
X	US 4 311 628 A (ABDOU-SABET SABET ET AL) 19 January 1982 (1982-01-19) column 6, line 39 - column 8, line 34 tables I, III, IV, V, VII, X, XI, XII claims 1, 7, 8, 11, 12, 20-23, 26, 33, 34, 42, 43 ----- -/-	1-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

03/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/100936 A (EXXONMOBIL CHEM PATENTS INC ; CHUNG DAVID Y (US); TSOU ANDY H (US); DI) 19 December 2002 (2002-12-19) page 22, line 10 - line 21 page 25, line 17 - line 20; claims 1,14,15,20,28,39,46,51,52; tables 1-5 -----	1-10
X	WO 03/050171 A (EXXONMOBIL CHEM PATENTS INC ; CHUNG DAVID Y (US); WADDELL WALTER H (US) 19 June 2003 (2003-06-19) page 21, line 25 - page 26, line 2; claims 1,3; tables 2,4,9 -----	1-9
X	GB 912 975 A (ALBERT AG CHEM WERKE) 12 December 1962 (1962-12-12) examples -----	1-5,8-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/023203

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2726224	A	06-12-1955	BE 565690 A DE 1013420 B FR 1094097 A GB 733138 A	08-08-1957 11-05-1955 06-07-1955
US 4299931	A	10-11-1981	AU 542125 B2 AU 6817581 A BR 8101341 A CA 1153146 A1 CA 1153147 A2 DE 3171975 D1 EP 0036279 A2 ES 8404390 A1 JP 1771431 C JP 4048817 B JP 56143233 A JP 2132126 A US 4355139 A	07-02-1985 17-09-1981 15-09-1981 30-08-1983 30-08-1983 03-10-1985 23-09-1981 16-07-1984 30-06-1993 07-08-1992 07-11-1981 21-05-1990 19-10-1982
US 4311628	A	19-01-1982	AR 219136 A1 AU 523072 B2 AU 4142578 A BG 36637 A3 BR 7807351 A CA 1124917 A1 DE 2848448 A1 ES 474870 A1 FR 2408632 A1 GB 2007683 A ,B IL 55902 A IN 150497 A1 IT 1100929 B JP 1210216 C JP 54099156 A JP 58046138 B MX 4142 E MX 149404 A NL 7811054 A ,B, PL 210789 A1 SU 1531860 A3 SU 1105119 A3 ZA 7806298 A	31-07-1980 08-07-1982 17-05-1979 16-12-1984 24-07-1979 01-06-1982 10-05-1979 01-04-1980 08-06-1979 23-05-1979 30-04-1982 23-10-1982 28-09-1985 29-05-1984 04-08-1979 14-10-1983 06-01-1982 03-11-1983 11-05-1979 13-08-1979 23-12-1989 23-07-1984 31-10-1979
WO 02100936	A	19-12-2002	CA 2448615 A1 CA 2449075 A1 EP 1404749 A1 EP 1401933 A1 JP 2004530034 T JP 2004530035 T WO 02100935 A1 WO 02100936 A1	19-12-2002 19-12-2002 07-04-2004 31-03-2004 30-09-2004 30-09-2004 19-12-2002 19-12-2002
WO 03050171	A	19-06-2003	CA 2467920 A1 CA 2468636 A1 CA 2469348 A1 EP 1463763 A1 EP 1465948 A2 EP 1465929 A1	19-06-2003 03-07-2003 19-06-2003 06-10-2004 13-10-2004 13-10-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03050171	A	WO 03050149 A1	19-06-2003
		WO 03054032 A1	03-07-2003
		WO 03050171 A2	19-06-2003
GB 912975	A	DE 1167016 B	02-04-1964
	12-12-1962	CH 404953 A	31-12-1965
		FR 1260493 A	
		NL 122052 C	
		NL 250167 A	
		US 3189567 A	15-06-1965